

AMENDMENTS TO THE SPECIFICATION:

Please change the title to:

A METHOD FOR A PREDICTING A PATTERN SHAPE BY USING AN ACTUAL
MEASURED DISSOLUTION RATE OF A PHOTSENSITIVE RESIST.

Please replace the paragraph beginning at page 17, line 25, with the following paragraph:

$G(x,y)$

$$= \iint dx' dy' I(x,y) \exp[-\{(x-x')^2 + (y-y')^2\}/k^2] \quad (6)$$

Please replace the paragraph beginning at page 49, line 11, with the following paragraph:

$H(x,y)$

$$= \iint dx' dy' I(x,y) f(a) \exp[-\{(x-x')^2 + (y-y')^2\}/k^2] \quad (12)$$

Please replace the paragraph beginning at page 56, line 1, with the following paragraph:

$H(\alpha,\beta)$

$$= \iint dx' dy' I(\alpha,\beta) f(a) \exp[-\{(\alpha-x')^2 + (\beta-y')^2\}/k^2] \quad (14)$$

Please replace the paragraph beginning at page 59, line 21, with the following paragraph:

$G(\alpha, \beta)$

$$= \iint dx' dy' I(\alpha,\beta) \exp[-\{(\alpha-x')^2 + (\beta-y')^2\}/k^2] \quad (16)$$